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News

September 2012

Press release

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MTI Mischtechnik at Powtech 2013:

POWTECH is the world's undisputed number one for powder, granule and bulk solids technologies. MTI Mischtechnik is looking forward to welcoming you in Nuremberg from 23-25 April 2013 in Hall 1 at our Stand 1-154. Further information about our trade fair presentation will follow shortly.

October 2011

Press release

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MTI Mischtechnik at Powtech 2011:

Uni tec® universal mixer allows time and cost efficient workflows

Uni tec® is a newly developed, individually designed general-purpose mixer provided by MTI Mischtechnik (www.mti-mixer.de) for manually or fully automatic controlled preparation of bulk materials in the chemical, plastics processing, and other industries.

Depending on its configuration, uses of the new mixer unit range from homogenizing bulk stock of diverse material characteristics to performing complex processing cycles aimed at providing specific product properties.

MTI will launch this vertical mixer, which delivers an outstanding mixture quality, at the Powtech trade fair held from 11 - 13 October 2011 in Nuremberg (**Hall 9/ Stand 119**).

The design criteria of the mixing vessel, mixing tool and optional chopper systems are variable over a very broad range. As a result, the unit can be optimally adapted to specific application needs - from gentle homogenization of the most sensitive starting materials to the pre-dispersion of, e.g., cohesive pigments. Further options - including spraying systems for fluids, a double jacket for temperature-controlled process management, and a vacuum-proof or pressure shock resistant design of the mixing vessel - are available to handle even coating and granulating tasks with high accuracy and repeatability. Thanks to the particularly operator-friendly design of the new **Uni tec®** universal mixer, it ensures convenient filling, evacuating and cleaning in every situation.

According to Christian Honemeyer, MTI's CEO, the benefits of the new system can be summarized thus:

The new **Uni tec®** system combines high ease of use, maximum process reliability and safety, as well as

application-focused configurability in one single unit. This standard-setting combination enables users to obtain high-quality mixing results with remarkably superior efficiencies compared to most conventional mixers. Needless to say, MTI's products conform to all applicable codes and regulations including ATEX requirements according to the raw material property specifications. The **Uni tec®** control system and the safety technology employed meet all demands on advanced, flexible production equipment performing to the highest quality standards."

Apart from the new **Uni tec®** universal mixer, MTI's product range comprises an easy-to-clean horizontal mixer, the application-focused **MTI Flex®-line** and **MTI Eco®-line** heating-/cooling mixer combinations, and the highly efficient dehumidification and aspiration systems. In late 2010, the company launched its **Cool tec®** mixer, pioneering direct cooling by means of a refrigerant rather than with cooling water. The technology has been widely acclaimed for its much-enhanced cooling performance and concurrently reduced energy demand.

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Further information:

[Press release for Powtech 2011](#)

October 2010

Press release

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MTI Mischtechnik at K 2010:

New mixing systems offer huge energy-saving potential

With its **MTI Eco®-line** heating-/cooling mixer combination and the radically new **Cool tec** cooling mixer, MTI Mischtechnik (www.mti-mixer.de) puts the focus of its K 2010 trade show presentation on two forward-looking machine series. Both systems are designed for minimized energy consumption. As a result, they provide a high cost-efficiency in the production of dry blends and WPC compounds as well as in other heating and cooling processes without compromising on product quality. By combining this equipment with an automatic raw material feeding system, a very efficient heating-/cooling mixer combination with high specific throughput rates can be achieved.

The particularly cost-efficient and innovative heating-/cooling mixer combinations from the **MTI Eco®-line** series of MTI Mischtechnik are designed for batch sizes from 60 kg up to 1,000 kg and throughputs of up to 7,500 kg/h. Typical uses include compounding of PVC-U for volume-market products such as pipes or profiles, PVC-P for highly filled recipes, and other applications without frequent product changes. **MTI Eco®-line** mixers offer a particularly advantageous combination of high throughput, low energy consumption and attractive pricing, due to careful match of mixer sizes and required mixing power, the use of highly efficient electric drives and optimized usage of cooling water. Therefore, a changeover from externally sourced dry blends to in-house compounding may pay off after a very short time.

As its most recent development, MTI Mischtechnik is presenting the **Cool tec** system – an innovative cooling mixer design for all cooling applications in polymer processing which defines new benchmarks of throughput and energy efficiency. At its core is an all-new cooling technology developed in cooperation with Reisner AG, one of the leading manufacturers of cooling and refrigerating equipment. Offering 30% higher cooling capacity than the existing MTI standard, the **Cool tec** mixer offers a huge energy-saving potential (up to 25%) and hence, substantial mixing cost savings to the customer. At K 2010, MTI will exhibit the prototype of its **Cool tec** series at its stand B22 in hall 09. After the fair the **Cool tec** mixer will be returned to the company's own R&D test centre for mixing trials on customers' request and further testing.

Further information:

[Download Press release](#)

March 2010

Press release

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Christian Honemeyer now sole managing director of MTI Mischtechnik

Experienced management team ensures continuity

There has been a changing of the guard at MTI Mischtechnik: with effect from the end of February 2010, Christian Honemeyer is the sole managing director of the Detmold-based manufacturer of mixing and processing equipment for the polymer processing and chemical industries. His appointment follows the retirement of his father, Rolf Honemeyer, one of the founders of the company 35 years ago, who will continue to act in an advisory role for the company and will also remain as a shareholder. Over the last ten years he had shared leadership of the company with his son Christian, a period which saw MTI Mischtechnik develop into the company of the size and scale it is today. Christian Honemeyer will continue to concentrate on the commercial leadership and management of the company. Two recently-appointed directors will join the management team: Ulrich Schär, who oversees sales, customer service and process engineering, and Detlef Lapp, an employee of the company for twenty years, with responsibility for production.

As Christian Honemeyer comments: On behalf of all the employees at MTI Mischtechnik, I would like to thank my father for his commitment which helped us achieve the commercial success we enjoy today, and for his willingness to continue sharing his vast experience to the benefit of the company. The success he has achieved represents both an incentive and an obligation to my team and myself to continue his good work. Working in close cooperation with our customers, we are continuously developing new and innovative products, which, in the future, will set themselves even further apart from the competition in terms of performance, energy- and cost-efficiency. Our recently-launched **MTI Eco-line** heating-/cooling mixer combination constitute a significant step in this direction.

Further information:

[Download complete press release](#)

November 2009

Press release

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Heating-/cooling-mixer with unsurpassed cost efficiency

MTI **ECO-line** makes dryblend production eminently economical

The heating-/cooling-mixer-combinations of the latest **MTI ECO-line** from MTI Mischtechnik International GmbH, Detmold, (www.mti-mixer.de) combine high mixing performance with minimal energy consumption at an attractive price, supporting the plastics processing and chemical industries` efforts to minimize manufacturing costs without compromising quality. This technological achievement was made possible by matching mixer size and required mixer performance to application-specific demands, the use of highly efficient electrical drives, and an optimal cooling water utilisation.

MTI ECO-line heating-/cooling-mixers are particular economical when producing dryblends under constant production conditions. Thus the preprocessing of PVC-U for high volume products like pipes, profiles and other applications, where frequent cleaning is not required, are preferred applications. The mixers are deliverable at short notice and combined with additional MTI system conveyors for feeding of all raw materials they provide highly efficient semi-automatic mixing lines.

Thanks to the new **MTI ECO-line** mixers` low investment and manufacturing costs, switching from purchasing dryblend from external sources to in-house material processing will amortize on the short term. Beyond that, this step will increase the processorŽs responsiveness to rapidly changing customers` product and formulation demands, and the inventory cost for stock materials will also be reduced.

The **MTI ECO-line** mixers are initially available in six sizes, for batch sizes of 60 kg (Type M100/K400) to 290 kg¹ (Type M600/K2400) and - equipped with a full automatic feeding device - for throughputs up to 2.400 kg/h.

The new **MTI ECO-line** mixers complete the approved range of application specifically designed heating-/cooling-mixer-combinations from MTI Mischtechnik.

1) With reference to a bulk density of 0.55 kg/l and a filling degree of 80 %

[more information](#)

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Further information:

[download data sheet MTI ECO-line](#)

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